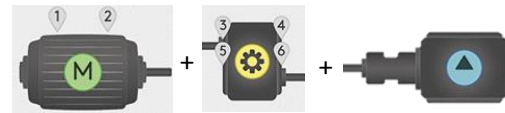


## 1. Template composition

Each template is composed of:

- An electric Motor
- Optional: A Transmission
- A driven Component

*Example of a Motopump with a 1-stage gearbox transmission:*



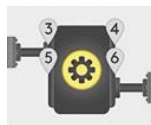
### Notes:

- Vertical and Horizontal machines are using the same templates.
- For Belt, Pulley and chain transmission, use the same templates
- The language of the machine is linked to the template. Multiple languages are available on the USB stick delivered with the instrument.
- For machines that are not in the templates, a template named “\_OtherMachine” can be used to measure the vibration overall velocity

## 2. Types of transmissions available



Belt/Pulley/Chain



1-stage Gearbox



2-stage Gearbox



3-stage Gearbox



4-stage Gearbox



Bevel Gearbox

## 3. Types of driven components available



Pump Between Bearings



Overhung Pump



Fan Between Bearings



Overhung Fan



Centrifugal Compressor



Lobe Compressor



Alternator


















Roller



Shaft

## 4. Description table of the SMC built-in templates

Component	Transmission						
	Direct coupling						
		Belt/Pulley/Chain	1-stage Gearbox	2-stage Gearbox	3-stage Gearbox	4-stage Gearbox	Bevel Gearbox
 Pump Between Bearings	PumpBB	PumpBB-Belt	PumpBB-GB1	PumpBB-GB2	PumpBB-GB3	PumpBB-GB4	PumpBB-BevelGB
 Overhung Pump	PumpOH	PumpOH-Belt	PumpOH-GB1	PumpOH-GB2	PumpOH-GB3	PumpOH-GB4	PumpOH-BevelGB
 Fan Between Bearings	FanBB	FanBB-Belt	FanBB-GB1	FanBB-GB2	FanBB-GB3	FanBB-GB4	FanBB-BevelGB
 Overhung Fan	FanOH	FanOH-Belt	FanOH-GB1	FanOH-GB2	FanOH-GB3	FanOH-GB4	FanOH-BevelGB
 Centrifugal Compressor	Compressor C	CompressorC-Belt	CompressorC-GB1	CompressorC-GB2	CompressorC-GB3	CompressorC-GB4	CompressorC-BevelGB
 Lobe Compressor	Compressor L	CompressorL-Belt	CompressorL-GB1	CompressorL-GB2	CompressorL-GB3	CompressorL-GB4	CompressorL-BevelGB
 Alternator	Alternator	Alternator-Belt	Alternator-GB1	Alternator-GB2	Alternator-GB3	Alternator-GB4	Alternator-BevelGB
 Roller	Roller	Roller-Belt	Roller-GB1	Roller-GB2	Roller-GB3	Roller-GB4	Roller-BevelGB
 Shaft	Shaft	Roller-Belt	Roller-GB1	Roller-GB2	Roller-GB3	Roller-GB4	Roller-BevelGB